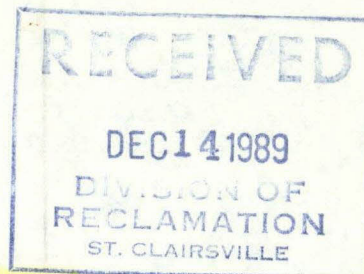


Rec'd in Cols.  
12/20/89

ORIGINAL

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF RECLAMATION  
Fountain Square  
Columbus, Ohio 43224



APPLICATION FOR AN INCIDENTAL BOUNDARY REVISION

(File in Quadruplicate)

1. Permittee's Name The Ohio Valley Coal Company Phone # (614) 926-1351
2. Address 56854 Pleasant Ridge Road Zip Code 43902  
Alledonia, Ohio
3. Coal Mining Permit # D-0360
4. Additional acres to be mined 13.0
5. Has this acreage been mined? Yes \_\_\_\_\_, No X
6. Describe the reason this additional acreage is required.  
This additional acreage is required to transport coal from  
and to ventilate the previously-permitted acreage.
7. Describe the activities to be conducted on this area.
  1. Haulage of coal from permitted area.
  2. Ventilation of permitted area.
8. Is the information contained in the previously approved permit application  
applicable to this revised area? Yes X, No \_\_\_\_\_.

If "no", describe any changes to the previously approved permit application  
that will apply to this revised area.

(continued on reverse side)

D-0360







## RECOVERY CALCULATIONS

### TYPICAL MAIN NORTH ENTRIES

Total Block of Coal

$$\frac{400 \text{ Ft} \times 408 \text{ Ft} \times 6.5 \text{ Ft} \times 80 \text{ Lb/Ft}^3}{2000 \text{ Lb/Ton}} = 42,432 \text{ Tons}$$

Pillars Remaining (36 Pillars)

$$\frac{47 \text{ Ft} \times 47 \text{ Ft} \times 6.5 \text{ Ft} \times 36 \times 80 \text{ Lb/Ft}^3}{2000 \text{ Lb/Ton}} = 20,676 \text{ Tons}$$

$$\text{Recovery: } \frac{42,432 - 20,676}{42,432} = 51\%$$

This figure does not include the 115 Ft x 540 Ft barrier pillar adjacent to Main North. In addition, larger pillars exist at the intersection of gate entries and Main North for track haulage. These blocks are not included in the typical configuration used for these calculations.

# RECOVERY CALCULATIONS

## TYPICAL 4 ENTRY LONGWALL GATE

Total Block of Coal

$$\frac{251 \text{ Ft} \times 619 \text{ Ft} \times 6.5 \text{ Ft} \times 80 \text{ Lb/Ft}^3}{2000 \text{ Lb/Ton}} = 40,396 \text{ Tons}$$

Pillars Remaining (18 Pillars)

$$\frac{(81 \text{ Ft} \times 6 + 47 \text{ Ft} \times 12) 101 \text{ Ft} \times 6.5 \text{ Ft} \times 80 \text{ Lb/Ft}^3}{2000 \text{ Lb/Ton}} = 27,573 \text{ Tons}$$

$$\text{Recovery: } \frac{40,396 - 27,573}{40,396} = 32\%$$



## INTERNAL COMMUNICATIONS FORM

ODNR

OHIO DEPARTMENT OF  
NATURAL RESOURCESFountain Square  
Columbus, Ohio 43224

TO: GVC  
FROM: njm  
DATE: 1-16-90

RE: OVC Underground IBR, Permit D-360

## SOURCE OF INFORMATION:

PERSONAL CONTACT ( ) NAME: \_\_\_\_\_  
TELEPHONE ( ) TITLE: \_\_\_\_\_  
MEETING ( ) ORGANIZATION: \_\_\_\_\_  
OTHER ( ) ADDRESS: \_\_\_\_\_  
STATUTE/REG. ( ) \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

DISCUSSION: Bartsch sent proof that they had published previously for section 20 (see our requirement in 1-9-90 letter). I also verified that they had done so in their R-0360-2 AEP.Thus, based on what I think you are looking for re: these u.g. IBRs, it appears they have met your requirements and approval would be warranted.(Note, since OVC has proved they had published, the proofs they sent in will not be part of the IBR.)ACTION NEEDED: If you agree, pls. sign for chief (we'll fillout the rest) and return to me.

DISTRIBUTION: \_\_\_\_\_

SIGNATURE: M. NishimuraAttachments.

D-0360

TOVCC 22816



**ODNR**  
**OHIO DEPARTMENT OF**  
**NATURAL RESOURCES**

Fountain Square  
Columbus, Ohio 43224

January 9, 1990

Mr. David Bartsch  
The Ohio Valley Coal Company  
56854 Pleasant Ridge Road  
Alledonia, OH 43902

*Dave*  
Dear Mr. Bartsch:

Greg Cybulski and I reviewed your proposed 13 acre Incidental Boundary Revision (IBR) for permit D-0360 submitted to the Columbus office December 20, 1989. You are proposing an acreage amount greater than what you originally discussed with us (previously, approximately 3 acres). This is unacceptable unless you can comply with the following revision:

You are proposing area in section 20. Unless you have previously published a public notice which specifically identified section 20 as an area to be mined, you must delete this area from your map and revise your acreage figure. If you have previously published, submit a copy of the public notice.

Please revise your IBR as necessary and submit 4 copies of revisions. If you have any questions, please contact me at (614) 265-6633 at your convenience.

Sincerely,

*Michael J. Nishimura*  
Michael J. Nishimura  
Division of Reclamation

MJN:ap

cc: G. Cybulski  
D. Jonard  
M. Dillman

Richard F. Celeste, Governor

8-1062-4

D-0360

TOVCC 22817



1-9-90

Greg. talked to Shively. He has no  
problem w/ OVC's calculations  
and 51% recovery ratio. Thus,  
if you'd like, item 2. of the  
letter could be dropped (unless  
you'd like it to stay).

Pls. advise.

Mjrn

D-0360



Greg - Nish

8-90  
11 AM

Here's a draft of OVC IBR  
~~Whaddya~~ **THINK NOW?**  
letter. Note, I telecopied 57%  
recovery calcs to Shively. He's  
supposed to call me this  
afternoon. Regardless of what  
he says, however, does item 3 of  
the letter have merit? I've attached  
all for reference.

1-8-90  
Wait for Shively's reply

mjr.

D-0360



THE OHIO DEPARTMENT OF  
NATURAL RESOURCES

# Memo

TO: Mike Dillman

FROM: D. Jonart

Re: The Ohio Valley Coal Co. *Jonart*  
D-0360 I.P.R.

DATE: 12/14/89

RECEIVED

DEC 20 1989

DIVISION OF  
RECLAMATION

The attached Incidental Boundary Revision is proposing entries development only. There is no surface disturbance, consequently, permit fee & bond will not be necessary. (Nor will prime farmland determination, drainage design, etc.) Appropriate changes have been made on the application form to more accurately address the specific situation.

I recommend the application be approved.

D-0360



**INTERNAL COMMUNICATIONS FORM**

**ODNR**

OHIO DEPARTMENT OF  
NATURAL RESOURCES

Fountain Square  
Columbus, Ohio 43224

TO: Mike N  
FROM: Mike D.  
DATE: 1-3-90

RE: OVC D-360 IBR

**SOURCE OF INFORMATION:**

PERSONAL CONTACT ( ) NAME: \_\_\_\_\_  
TELEPHONE ( ) TITLE: \_\_\_\_\_  
MEETING ( ) ORGANIZATION: \_\_\_\_\_  
OTHER ( ) ADDRESS: \_\_\_\_\_  
STATUTE/REG. ( ) \_\_\_\_\_  
TELEPHONE NUMBER: \_\_\_\_\_

DISCUSSION: Mike:

This is the "special case" IBR for which you had ovc slightly revise the IBR form.

**ACTION NEEDED:**

your review

1-4-90

Greg- attached is OVC's IBR. Comments:

- OK 1. IBR form has been suitably revised (i.e. the wording) to accommodate OVC's situation
- NO 2. the area proposed (13 acres) is greater than originally discussed w/us (3 ac. - see boxed map)
- OK 3. reasons for needing area appear to meet your criteria (i.e. haulage & ventilation)
- OK see 19 4. I don't know if Delmas & Mary Caretti (surface owners) are new landowners or not - from map, it appears they are
- OK 5. Dale Leonard recommends approval.

Pls. review, comment.

? 5170

**DISTRIBUTION:**

mjm

Revise  
Down  
NO-SEC20  
or show  
previous  
public notice  
proof

**SIGNATURE:**

Thanks,  
Mike

D-0360

TOVCC 22821



To: Dave Bartsch  
From: Mike Nishimura

12-7-89

Attached are the IBR forms you requested. One has been revised as a guide for you. You should revise the other forms by blanking out the words that have been lined out. Where different words have been written, you should have them typed in.

Regarding your proposed haulage, ventilation, support (whatever) area you need, as we discussed today, Cybulski approved of your proposal to add this small area (~ 3 ac.) by an IBR. Ensure item 6. clearly and appropriately describes the reason(s) the area is needed. Also, submit a small map showing the area in question.

The map must meet the general map requirements outlined in rules. <sup>Also</sup> Ensure it's notarized/sealed, certified/sealed, has title block, & shows shadow area w/in 500' of IBR.

Also, as we discussed, contact Dale Somard since he has some experience with this type of IBR. Once you have completed the IBR, it must first go to Somard for review.

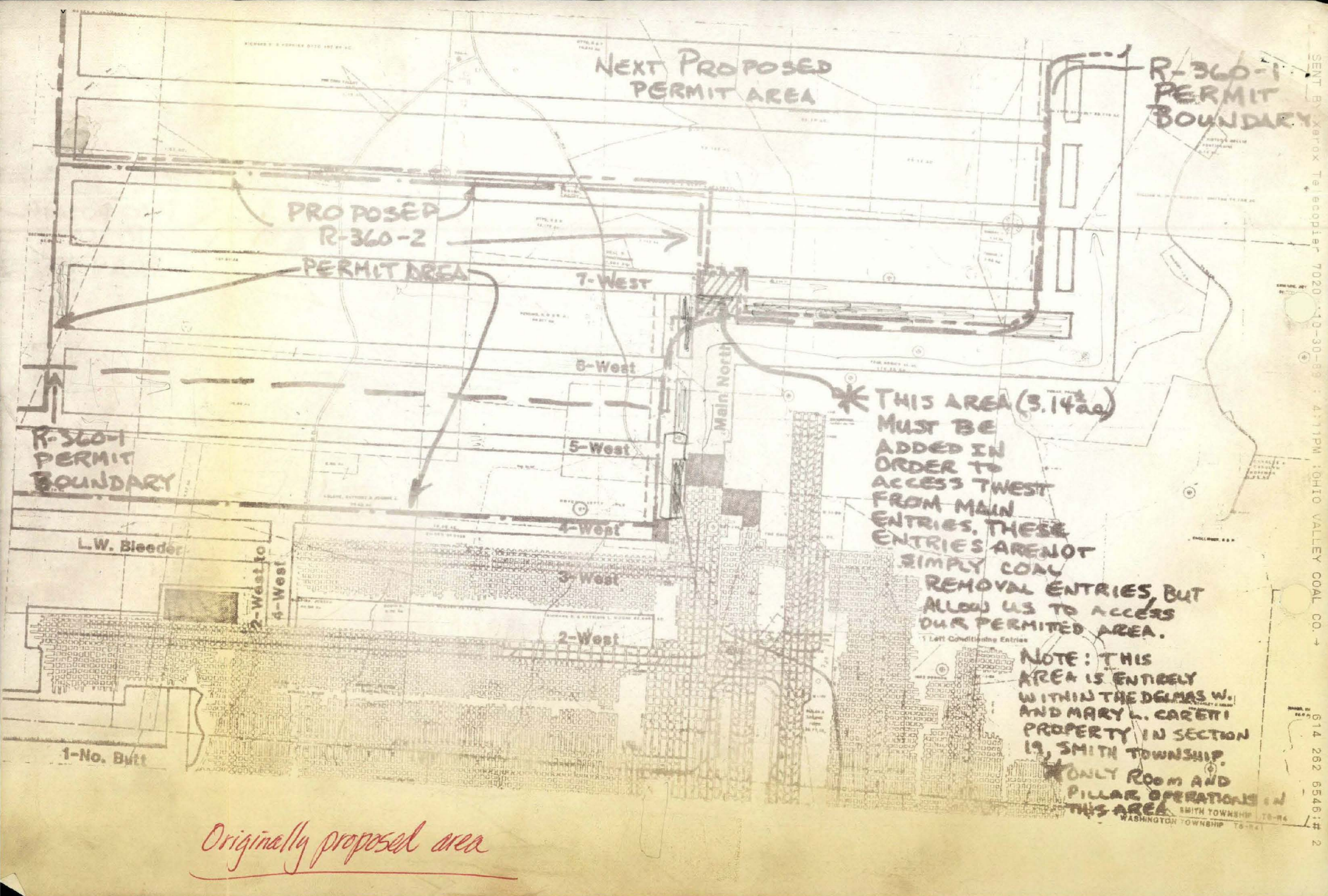
Finally, regarding your question on the future room and pillar and longwall PRP, you should write a letter to the Division explaining when you need these areas, size involved, and any other pertinent info you can supply so we can provide you w/ the appropriate advice.

If you have any questions, give me a call.

D-0360

TOVCC 22822



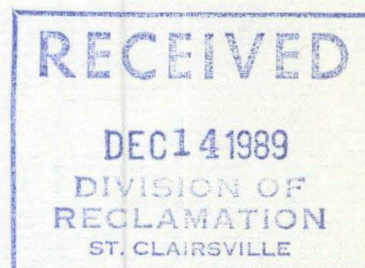




ORIGINAL



December 13, 1989



Mr. Tim Dieringer, Chief  
Division of Reclamation  
Ohio Department of Natural Resources  
Fountain Square  
Columbus, Ohio 43224

Attention: Mr. Dale Jonard

Dear Mr. Dieringer:

Enclosed is an incidental boundary revision (IBR) for permit D-0360. This area (13 acres) is needed to provide access into the 7 West and 8 West gate entries.

The recovery factor for Main North is 51 percent, excluding the large barrier pillars and larger pillars that would remain in place. The recovery factor in 8 West (gate only) is 32 percent. These calculations are included herein.

The entries to be mined will supply ventilation to and haulage from the previously approved mining area described in ARP R-0360-2. Mining in the proposed IBR application area is projected to begin in March, 1990. Therefore, your prompt consideration in this matter would be greatly appreciated.

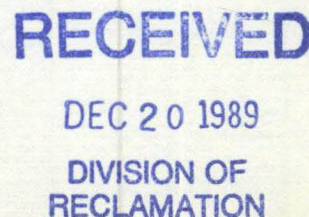
If you have any questions, please contact me.

Very truly yours,

THE OHIO VALLEY COAL COMPANY

David L. Bartsch, P.E.  
Project Engineer

DLB:jl  
Enclosure  
Copies to: M. R. St. John  
J. R. Forrelli  
File



56854 PLEASANT RIDGE ROAD • ALLEDONIA OHIO 43902 • (614) 926-1351

D-0360

TOVCC 22824





RECEIVED

JAN 12 1990

DIVISION OF  
RECLAMATION

January 11, 1990

Mr. Michael J. Nishimura  
Division of Reclamation  
Ohio Department of Natural Resources  
Fountain Square  
Columbus, Ohio 43224

Dear Mr. Nishimura:

In response to your letter dated January 9, 1990, find enclosed four (4) copies of the public notices for ARP's R-0360-1 and R-0360-2. Both public notices include Section 20 of Smith Township, Belmont County, Ohio. ARP R-0360-2 lists Delmas W. and Mary L. Caretti as surface owners within Section 20.

If you have any questions, please contact me.

Very truly yours,

THE OHIO VALLEY COAL COMPANY

*David L. Bartsch*

David L. Bartsch, P.E.  
Project Engineer

DLB:jl  
Enclosures  
Copies to: J. R. Forrelli  
M. R. St. John  
File



PROOF OF PUBLICATION

The State of Ohio  
County of Belmont, ss:

The undersigned, being sworn, says that he or she is an employee of The Times Leader, Inc., A Corporation, publisher of the Times Leader a newspaper printed and published in Martins Ferry, Belmont County, Ohio, each day of the week except Saturday and of general circulation in said city and county; that it is a newspaper meeting the requirements of sections 7.12 and 5721.01 Ohio Revised Code as amended effective September 14, 1957; that affiant has custody of the records and files of said newspaper; and that the advertisement of which the annexed is a true copy, was published in said newspaper on each of the days in the month and year stated, as follows:

December 27 January  
3, 10, 17 19 86  
John C. Kunkel

Subscribed by Affiant and sworn  
to before me, this 17th day

of Belmont County, A.D. 19 86

Donna Jean Landers  
DONNA JEAN LANDERS, Notary Public

State of Ohio

My Commission Expires February 6, 1990

Printer's Fees \$ 70.00

Notary's Fees \$ \_\_\_\_\_

THE TIMES LEADER  
Martins Ferry, Ohio  
Bellaire, Ohio

RECEIVED

JAN 12 1990

DIVISION OF  
RECLAMATION

RECEIVED  
JAN 21 1986

PUBLIC NOTICE

THE NACCO MINING COMPANY (NACCO), 58854 Pleasant Ridge Road, Alledonia, Ohio, 43922, has submitted application D-0360-1 to revise coal mining and reclamation permit D-0360, to the Ohio Department of Natural Resources, Division of Reclamation. The permit area is located in Belmont County. The affected area of the permit is located in sections 35, 29, 23 and 22 of Washington Township, T-6-N, R-4-W and at this time, it will remain unchanged. The area proposed for revision is that area where underground mining can be anticipated during the life of this mine. Nacco currently owns coal mining rights to the reserves of the Pittsburgh #6 coal seam in all or parts of sections 13, 14, 15, 16, 18, 25, 21, 22, 25, 26, 27, 28 and 31 of Smith Township, Belmont County, and all or parts of sections 3, 4, 5, 9, 16, 11, 12, 15, 16, 17, 18, 21, 22, 23, 24, 27, 28, 29, 30, 33, 34, 35, and 36 of Washington Township, Belmont County.

A copy of the application and a map illustrating these areas, and the portion of these areas where mining will occur within the next five years is on file at the Ohio Department of Natural Resources, Division of Reclamation, 68590 Bannock Road, St. Clairsville, Ohio 43960 for public viewing.

Written comments or requests for informal conference may be sent to the Division of Reclamation, Fountain Square, Building B-3, Columbus, Ohio 43224, within thirty days of the last date of publication of this notice. T-Adv. Dec. 27 - 4 Fri.

*reference only*

D-0360

TOVCC 22826



## Public Notice

The Nacco Mining Company, 56854 Pleasant Ridge Road, Alledonia, Ohio 43902, has submitted application number R-0360-2 to revise coal mining permit D-0360, to the Ohio Department of Natural Resources, Division of Reclamation. The area of the Permit Revision is located in Smith Township, parts of Sections 19, 20, 25, 26, 31, and 32; and Washington Township, parts of Sections 24, 30, and 36, of Belmont County. The area encompasses approximately 550 acres and is located on the Armstrongs Mills, 7-1/2 minute U.S.G.S. quadrangle.

The application proposes to expand the five year plan to include additional coal removal.

A copy of the application is on file at the Belmont County Court House, Recorder's Office, 101 West Main Street, St. Clairsville, Ohio 43950, for public viewing. Written comments, or requests for additional conference, may be sent to the Division of Reclamation, Fountain Square, Building B-3, Columbus, Ohio 43224, within 30 days of the last date of this notice.

*reference only*

D-0360



## PROOF OF PUBLICATION

The State of Ohio  
County of Belmont, ss:

The undersigned, being sworn, says that he or she is an employee of Eastern Ohio Newspapers, Inc., A Corporation, publisher of the Times Leader a newspaper published in Martins Ferry, Belmont County, Ohio, each day of the week except Saturday and of general circulation in said city and county; that it is a newspaper meeting the requirements of sections 7.12 and 5721.01 Ohio Revised Code as amended effective September 14, 1957; that affiant has custody of the records and files of said newspaper; and that the advertisement of which the annexed is a true copy, was published in said newspaper on each of the days in the month and year stated, as follows:

Sept. 20, 27 Oct  
11 19 87  
John C. Kimbrell

Subscribed by Affiant and sworn

to before me, this 11 day of

Oct, A.D. 1987

Donna Jean Landers  
Notary Public

DONNA JEAN LANDERS, Notary Public

State of Ohio

My Commission Expires February 6, 1990

Printer's Fees \$ 50.00  
Notary's Fees \$       

THE TIMES LEADER  
Martins Ferry, Ohio  
Bellaire, Ohio

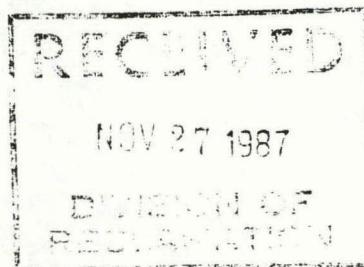
### PUBLIC NOTICE

The Nacco Mining Company, 56654 Pleasant Ridge Road, Allenton, Ohio 43902, has submitted application number R-0360-22 to revise its mining permit D-0360-22 issued by the Department of Natural Resources for the Reclamation of Natural Resources. The project is located in the Township of Washington Township, parts of Sections 18, 24, 30, and 36, of Belmont County. The area encompasses approximately 850 acres and is located on the Amherst Mills, 7 1/2 minute U.S.G.S. quadrangle.

The application proposes to amend the five year plan to include additional coal removal using the longwall mining method.

A copy of the application is on file at the Belmont County Court House, Recorder's Office, 101 West Main Street, St. Clairsville, Ohio 43960, for public viewing. Written comments, or requests for additional conference, may be sent to the Division of Reclamation, Fountain Square, Building 8-B, Columbus, Ohio 43224, within 30 days of the last date of this notice.

T-Adv. Sept. 20 - 4 Sun.



*reference only*

OCT 15 1987

R0360-22

D-0360

TOVCC 22828